Name of Work: Drilling of Borewell Providing and Installing Pump Motor and other accessories and Development of Parks and Children Play and GYM Equipment at NTI Layout, Gurudharshan Layout in Ward No. 09 Vidyaranyapura.

First and Final Bill

Measurement Sheet

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:Drilling of Borewell Providing and Installing Pump Motor and other accessories and Development of Parks and Providing Children Play and Gym Equipments at NTI Layout, Gurudharshan Layout in ward no 09 (Vidyaranyapura)

Measurements Taken On :

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.01		Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work											
			Each										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		3955.27	7911.00
Item no.02		Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m											
		0 to 50m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		364.25	36425.00
Item no.03		50 to 100m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		463.97	46397.00
Item no.04		100 to 150m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		478.66	47866.00
Item no.05		150 to 200m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		562.64	56264.00

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.06		200 to 250m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		665.51	66551.00
Item no.07		250 to 300m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		734.79	73479.00
Item no.08		300 to 350m											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								100.00			
									Total Executed Qty	100.00			
									Modified Shedule-B Qty	100.00			
									Now to be Paid	100.00		866.00	86600.00
Item no.09		Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty and as per the directions of the Engineer-in-charge of the work											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								160.00			
									Total Executed Qty	160.00			
									Modified Shedule-B Qty	160.00			
									Now to be Paid	160.00		1448.59	231775.00
Item no.10		Providing 250mm dia PVC Pipe 6kg/cm etc., complete and as per the directions of the Engineer-in-charge of the work											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								36.00			
									Total Executed Qty	36.00			
									Modified Shedule-B Qty	36.00			
									Now to be Paid	36.00		1154.67	41569.00
Item no.11		Providing and fixing Borewell Cap & Clamp Set etc., complete and as per the directions of the Engineer-in-charge of the work											
			Set										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		1889.46	3779.00
Item no.12		Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps etc., complete and as per the directions of the Engineer-in-charge of the work											
			No										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		66653.85	133308.00
Item no.13		GI Pipe 50 mm'B' class etc., complete and as per the directions of the Engineer-in-charge of the work											

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
			m										
		Vide Total executed Quantity from premeasuremet Page no.								642.00			
									Total Executed Qty	642.00			
									Tender Qty	640.00			
									Qty upto 125%	642.00		435.63	279675.00
Item no.14		Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work											
			Nos										
		Vide Total executed Quantity from premeasuremet Page no.								107.00			
									Total Executed Qty	107.00			
									Modified Shedule-B Qty	107.00			
									Now to be Paid	107.00		188.95	20218.00
Item no.15		Providing non-return valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work											
			Nos										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		1889.46	3779.00
Item no.16		Providing Gate Valve 50 mm etc., complete and as per the directions of the Engineer-in-charge of the work											
			Nos										
		Vide Total executed Quantity from premeasuremet Page no.								10.00			
									Total Executed Qty	10.00			
									Modified Shedule-B Qty	10.00			
									Now to be Paid	10.00		1889.46	18895.00
Item no.17		Supplying and Fixing Out Door Panel up to 15 HP etc., complete and as per the directions of the Engineer-in-charge of the work											
			Nos										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		16270.35	32541.00
Item no.18		Submersible Cable 1x3x6.0 Sq.mm etc., complete and as per the directions of the Engineer-in-charge of the work											
			m										
		Vide Total executed Quantity from premeasuremet Page no.								1320.00			
									Total Executed Qty	1320.00			
									Modified Shedule-B Qty	1320.00			
									Now to be Paid	1320.00		151.16	199532.00
Item no.19		Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work											
			L										
		Vide Total executed Quantity from premeasuremet Page no.								107.00			
									Total Executed Qty	107.00			
									Modified Shedule-B Qty	107.00			
									Now to be Paid	107.00		92.37	9884.00
Item no.20		Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., complete and as per the directions of the Engineer-in-charge of the work											
			Each										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		306.51	614.00

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
North Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.21		Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A 4 core 16 Sqmm etc., complete and as per the directions of the Engineer-in-charge of the work											
			Mtr										
		Vide Total executed Quantity from premeasuremet Page no.								70.00			
		Total Executed Qty								70.00			
		Modified Shedule-B Qty								70.00			
		Now to be Paid								70.00		157.46	11023.00
Item no.22		Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct etc., complete and as per the directions of the Engineer-in-charge of the work											
			Mtr										
		Vide Total executed Quantity from premeasuremet Page no.								70.00			
		Total Executed Qty								70.00			
		Modified Shedule-B Qty								70.00			
		Now to be Paid								70.00		12.47	873.00
Item no.23		Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete and as per the directions of the Engineer-in-charge of the work											
			Mtr										
		Vide Total executed Quantity from premeasuremet Page no.								70.00			
		Total Executed Qty								70.00			
		Tender Qty								60.00			
		Qty upto 125%								70.00		79.78	5585.00
Item no.24		Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work											
			Mtr										
		Vide Total executed Quantity from premeasuremet Page no.								8.00			
		Total Executed Qty								8.00			
		Modified Shedule-B Qty								8.00			
		Now to be Paid								8.00		351.65	2814.00
Item no.25		Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work											
			No										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
		Total Executed Qty								2.00			
		Modified Shedule-B Qty								2.00			
		Now to be Paid								2.00		283.42	567.00
Item no.26		Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work											
			No										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
		Total Executed Qty								2.00			
		Modified Shedule-B Qty								2.00			
		Now to be Paid								2.00		3148.79	6298.00
Item no.27		Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete and as per the directions of the Engineer-in-charge of the work											
			No										
		Vide Total executed Quantity from premeasuremet Page no.								12.00			
		Total Executed Qty								12.00			

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
									Modified Shedule-B Qty	12.00			
									Now to be Paid	12.00		182.65	2192.00
Item no.28		Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps Group A TPN etc., complete and as per the directions of the Engineer-in-charge of the work											
			No										
		Vide Total executed Quantity from premeasuremet Page no.								2.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		1800.24	3601.00
Item no.29		Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete and as per the directions of the Engineer-in-charge of the work											
			Sq.cm										
		Vide Total executed Quantity from premeasuremet Page no.								46800.00			
									Total Executed Qty	46800.00			
									Modified Shedule-B Qty	46800.00			
									Now to be Paid	46800.00		0.37	17316.00
Item no.30		Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strata by Manual Means etc., complete and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								79.20			
									Total Executed Qty	79.20			
									Tender Qty	72.00			
									Qty upto 125%	79.20		275.02	21782.00
Item no.31		Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work											
			Rmtr										
		Vide Total executed Quantity from premeasuremet Page no.								220.00			
									Total Executed Qty	220.00			
									Tender Qty	200.00			
									Qty upto 125%	220.00		217.29	47804.00
Item no.32		Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								26.40			
									Total Executed Qty	26.40			
									Tender Qty	24.00			
									Qty upto 125%	26.40		3381.44	89271.00
Item no.33		Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								52.80			
									Total Executed Qty	52.80			
									Tender Qty	48.00			
									Qty upto 125%	52.80		108.12	5709.00

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bangalore Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.34		Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								62.36			
									Total Executed Qty	62.36			
									Modified Shedule-B Qty	62.36			
									Now to be Paid	62.36		369.64	23050.00
Item no.35		Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								20.80			
									Total Executed Qty	20.80			
									Tender Qty	7.56			
									Qty upto 125%	9.45		5676.90	53647.00
									Qty Above 125%	11.35		5676.90	64453.00
Item no.36		Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								20.09			
									Total Executed Qty	20.09			
									Modified Shedule-B Qty	20.09			
									Now to be Paid	20.09		5113.89	102728.00
Item no.37		Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.											
		Item is Not Operated											
Item no.38		Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:3 and as per the directions of the Engineer-in-charge of the work											
		Item is Not Operated											
Item no.39		Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								72.71			
									Total Executed Qty	72.71			
									Modified Shedule-B Qty	72.71			
									Now to be Paid	72.71		3381.44	245868.00
Item no.40		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work.											
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								34.39			
									Total Executed Qty	34.39			
									Tender Qty	21.78			
									Qty upto 125%	27.23		6100.84	166096.00
									Qty Above 125%	7.17		6329.22	45362.00

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub Division
Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.41		Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200 mm and as per the directions of the Engineer-in-charge of the work											
		Item is Not Operated											
Item no.42		Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries etc complete as per specifications and directions of engineer in charge of the work											
Measurements taken on													
		NTI Park											
			Sqm	1	12.00	1.65	1.65	1.65		19.80			
			Sqm	1	9.00	1.65	1.65	1.65		14.85			
			Sqm	1	10.00	1.65	1.65	1.65		16.50			
			Sqm	1	12.00	1.65	1.65	1.65		19.80			
			Sqm	1	11.00	1.65	1.65	1.65		18.15			
			Sqm	1	15.00	1.65	1.65	1.65		24.75			
			Sqm	1	11.00	1.65	1.65	1.65		18.15			
			Sqm	1	9.30	1.50	1.50	1.50		13.95			
			Sqm	1	13.00	1.50	1.50	1.50		19.50			
			Sqm	1	8.00	1.50	1.50	1.50		12.00			
			Sqm	1	11.00	1.50	1.50	1.50		16.50			
									Total Executed Qty	193.95			
									Modified Shedule-B Qty	193.95			
									Now to be Paid	193.95		1171.65	227242.00
Item no.43		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work											
Measurements taken on													
		NTI Park											
		Front Side											
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	13.50					13.50			
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	12.00					12.00			
		Back Side											
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	15.00					15.00			
			m	1	15.10					15.10			
			m	1	15.00					15.00			

205.00

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhat Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
			m	1	15.00					15.00		304.60	
			m	1	15.00					15.00			
			m	1	10.20					10.20			
		Right Side											
			m	1	10.80					10.80			
			m	1	15.10					15.10			
		Left Side											
			m	1	15.00					15.00			
			m	1	7.30					7.30			
			m	1	15.00					15.00			
			m	1	5.00					5.00			
		NTI Layout											
		10th Main Road											
		LHS											
0	15		m	1	15.00					15.00			
15	30		m	1	15.00					15.00			
30	45		m	1	15.00					15.00			
45	50.6		m	1	5.60					5.60			
50.6	56.2	No Kerb	m	1	0.00					0.00			
56.2	71.2		m	1	15.00					15.00			
71.2	86.2		m	1	15.00					15.00			
86.2	101.2		m	1	15.00					15.00			
101.2	116.2		m	1	15.00					15.00			
116.2	131.2		m	1	15.00					15.00			
131.2	146.2		m	1	15.00					15.00			
146.2	161.7		m	1	15.50					15.50			
		RHS											
0	15		m	1	15.00					15.00			
15	22.3		m	1	7.30					7.30			
22.3	36.8		m	1	14.50					14.50			
36.8	45		m	1	8.20					8.20			
45	49		m	1	4.00					4.00			
49	57.6		m	1	8.60					8.60			
57.6	66.9		m	1	9.30					9.30			
66.9	81.9		m	1	15.00					15.00			
81.9	92.7		m	1	10.80					10.80			
92.7	109.5		m	1	16.80					16.80			
109.5	113.2		m	1	3.70					3.70			
113.2	116.8	No Work	m	1	0.00					0.00			
116.8	124.6	Road Break	m	1	0.00					0.00			
124.6	139.6		m	1	15.00					15.00			
139.6	154.6		m	1	15.00					15.00			
154.6	159.2		m	1	4.60					4.60			
								Sub Total		**602.90**			
			Nos		Total Length/0.45					1340.00			
									Total Executed Qty	**1340.00**			
									Tender Qty	**1200.00**			
									Qty upto 125%	**1340.00**		**462.54**	**619804.00**

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.44		Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work											
Measurements taken on													
		NTI Park											
		Front Side											
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	13.50				0.45	6.08			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	12.00				0.45	5.40			
		Back Side											
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.10				0.45	6.80			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	10.20				0.45	4.59			
		Right Side											
			Sqm	1	10.80				0.45	4.86			
			Sqm	1	15.10				0.45	6.80			
		Left Side											
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	7.30				0.45	3.29			
			Sqm	1	15.00				0.45	6.75			
			Sqm	1	5.00				0.45	2.25			
		NTI Layout											
		10th Main Road											
		LHS											
0	15		Sqm	1	15.00				0.45	6.75			
15	30		Sqm	1	15.00				0.45	6.75			
30	45		Sqm	1	15.00				0.45	6.75			
45	50.6		Sqm	1	5.60				0.45	2.52			
50.6	56.2	No Kerb	Sqm	1	0.00				0.45	0.00			
56.2	71.2		Sqm	1	15.00				0.45	6.75			
71.2	86.2		Sqm	1	15.00				0.45	6.75			
86.2	101.2		Sqm	1	15.00				0.45	6.75			
101.2	116.2		Sqm	1	15.00				0.45	6.75			
116.2	131.2		Sqm	1	15.00				0.45	6.75			
131.2	146.2		Sqm	1	15.00				0.45	6.75			
146.2	161.7		Sqm	1	15.50				0.45	6.98			
		RHS											
0	15		Sqm	1	15.00				0.45	6.75			
15	22.3		Sqm	1	7.30				0.45	3.29			
22.3	36.8		Sqm	1	14.50				0.45	6.53			
36.8	45		Sqm	1	8.20				0.45	3.69			
45	49		Sqm	1	4.00				0.45	1.80			
49	57.6		Sqm	1	8.60				0.45	3.87			

234.90

ASSISTANT EXECUTIVE ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
57.6	66.9		Sqm	1	9.30				0.45	4.19			
66.9	81.9		Sqm	1	15.00				0.45	6.75			
81.9	92.7		Sqm	1	10.80				0.45	4.86			
92.7	109.5		Sqm	1	16.80				0.45	7.56			
109.5	113.2		Sqm	1	3.70				0.45	1.67			
113.2	116.8	No Work	Sqm	1	0.00				0.45	0.00			
116.8	124.6	Road Break	Sqm	1	0.00				0.45	0.00			
124.6	139.6		Sqm	1	15.00				0.45	6.75			
139.6	154.6		Sqm	1	15.00				0.45	6.75			
154.6	159.2		Sqm	1	4.60				0.45	2.07			
										Total Executed Qty		**271.31**	
										Modified Shedule-B Qty		**271.31**	
										Now to be Paid		**271.31**	**41.95**	**11382.00**

Item no.45 **Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work**

Measurements taken on

		NTI Park									
		Front Side									
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	13.50				0.45	6.08	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	12.00				0.45	5.40	
		Back Side									
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.10				0.45	6.80	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	10.20				0.45	4.59	
		Right Side									
			Sqm	1	10.80				0.45	4.86	
			Sqm	1	15.10				0.45	6.80	
		Left Side									
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	7.30				0.45	3.29	
			Sqm	1	15.00				0.45	6.75	
			Sqm	1	5.00				0.45	2.25	
		NTI Layout									
		10th Main Road									
		LHS									
0	15		Sqm	1	15.00				0.45	6.75	
15	30		Sqm	1	15.00				0.45	6.75	
30	45		Sqm	1	15.00				0.45	6.75	
45	50.6		Sqm	1	5.60				0.45	2.52	
50.6	56.2	No Kerb	Sqm	1	0.00				0.45	0.00	

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
56.2	71.2		Sqm	1	15.00				0.45	6.75			
71.2	86.2		Sqm	1	15.00				0.45	6.75			
86.2	101.2		Sqm	1	15.00				0.45	6.75			
101.2	116.2		Sqm	1	15.00				0.45	6.75			
116.2	131.2		Sqm	1	15.00				0.45	6.75			
131.2	146.2		Sqm	1	15.00				0.45	6.75			
146.2	161.7		Sqm	1	15.50				0.45	6.98			
		RHS											
0	15		Sqm	1	15.00				0.45	6.75			
15	22.3		Sqm	1	7.30				0.45	3.29			
22.3	36.8		Sqm	1	14.50				0.45	6.53			
36.8	45		Sqm	1	8.20				0.45	3.69			
45	49		Sqm	1	4.00				0.45	1.80			
49	57.6		Sqm	1	8.60				0.45	3.87			
57.6	66.9		Sqm	1	9.30				0.45	4.19			
66.9	81.9		Sqm	1	15.00				0.45	6.75			
81.9	92.7		Sqm	1	10.80				0.45	4.86			
92.7	109.5		Sqm	1	16.80				0.45	7.56			
109.5	113.2		Sqm	1	3.70				0.45	1.67			
113.2	116.8	No Work	Sqm	1	0.00				0.45	0.00			
116.8	124.6	Road Break	Sqm	1	0.00				0.45	0.00			
124.6	139.6		Sqm	1	15.00				0.45	6.75			
139.6	154.6		Sqm	1	15.00				0.45	6.75			
154.6	159.2		Sqm	1	4.60				0.45	2.07			
										Total Executed Qty	**271.31**		
										Modified Shedule-B Qty	**271.31**		
										Now to be Paid	**271.31**	**96.36**	**26143.00**

Gym Equipments

Item no.46 Supply and fixing of pull down challenger: Metal All tubular steel of 2.50 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as neccessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixing. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a 5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 2750x805x2685mm weight :85.4 kg safety Area:6287x4858 mm capacity_2 persons. and as per the directions of the Engineer-in-charge of the work

Measurements taken on

		NTI Park											
			Nos	1						1.00			
		DeshaBandu Nagar											
			Nos	1						1.00			
										Total Executed Qty	**2.00**		
										Modified Shedule-B Qty	**2.00**		
										Now to be Paid	**2.00**	**251298.18**	**502597.00**

Item no.47 Supply and fixing of Seated Chest Press Metal All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a 5% NaCl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1955x733x2058mm weight :86.6 kg safety Area:5545x4470 mm capacity_2 persons. and as per the directions of the Engineer-in-charge of the work

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Measurements taken on													
		NTI Park											
			Nos	1						1.00			
		DeshaBandu Nagar											
			Nos	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		240827.42	481655.00
Item no.48		Supply and fixing of Self Weighted Rower All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly diply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1390x805x1100mm weight :42.4 kg safety Area:3790x3205 mm capacity_1person. and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		172767.50	345535.00

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub-Division Bruhath Bengaluru Mahanagara Palike

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.49		Supply and fixing of Elliptical cross Trainer metalAll tubular steel of 2.5 mm thickness are galavnized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly diply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1267x582x1764mm weight :43.5 kg safety Area:4322x3632 mm capacity_1 person. and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Nos	1						1.00			
		DeshaBandu Nagar											
			Nos	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		146590.61	293182.00
Item no.50		Supply and fixing of Rider metal All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 910x655x1270mm weight 29.5 kg safety Area:3310x3000 mm capacity_1 persons. and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Nos	1						1.00			
		DeshaBandu Nagar											
			Nos	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		94236.82	188474.00
Item no.51		Supply and fixing of Bicycle Metal: All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1000x498x1290mm weight :51.5 kg safety Area:3400x3498 mm capacity_1 persons. and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Each	1						1.00			

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		130884.47	261769.00
Item no.52	Supply and fixing of Twist Stepper All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1395x650x1750mm weight :39 safety Area 3795x3050 mm capacity_2 persons. and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		188473.64	376948.00
Item no.53	Supply and fixing of Big shoulder wheel All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 845x810x1710mm weight :34 kg safety Area 3224x3376 mm capacity_2 persons . and as per the directions of the Engineer-in-charge of the work												
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		125649.09	251299.00

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
Item no.54		Supply and fixing HD Health Walker All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1065x615x1364mm weight :51 kg safety Area 4090x3555 mm capacity_1 person . and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		146590.61	293182.00
Item no.55		Supply and fixing HD Squat Pushing Metal: All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 2270x635x1640mm weight :60.2 kg safety Area 5300x3685 mm capacity_2 persons . and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	2.00			
									Modified Shedule-B Qty	2.00			
									Now to be Paid	2.00		225121.29	450243.00
Item no.56		Supply and fixing Mini Ski. Metal: All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixning. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly diply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 1214x900x1347mm weight :45 kg safety Area 4214x3900 mm capacity_2 persons . and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		NTI Park											
			Each	1						1.00			

E.E. (Str. Div)

Contactor

Assistant Engineer

Assistant Executive Engineer

MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	**2.00**			
									Modified Shedule-B Qty	**2.00**			
									Now to be Paid	**2.00**		**167532.12**	**335065.00**
Item no.57		**Supply and fixing of HD Double Health Walker Metal: All tubular steel of 2.5 mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edgesand burrs. Zinc primer paint is applied at all the welding points prior to fixing. All metal parts are powder coated using AKZO nobel Great wall powder to the thickness of 80-120 microns. All metals parts are tested in our salt spray machine that uses a5% Na Cl Solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber : High quality grip rubber : 1 completely pre assembled equipment modules. Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly disply the GS mark as has been issued in the EN16630 saftey certificates. Size (1xWxH): 2015x615x1360mm weight :93 kg safety Area 5015x3015 mm capacity_2 persons . and as per the directions of the Engineer-in-charge of the work**											
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	**2.00**			
									Tender Qty	**2.00**			
									Now to be Paid	**2.00**		**251298.18**	**502597.00**
Item no.58		**Supply and fixing of HD Waist Twister Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped joints are robotic welded all welded joints are scalloped as necessary and welded to an approved MIG process All welds are dressed off removing all sharp edges and burrs Zonc primer paint is applied at all the welding points prior to finishing all metal parts are powder coated using AKZO Nobel Grate wall powder to the thickness of 80-120 microns all metal parts are tested in our salt spray machine that uses a 5% NACI solution in accordance to ISO7227 to speed up corrosion for 3000 hrs Rubber: High quality grip rubber is used for the handles Bearings: Maintenance free ball berings Scope of delivery 1 Completely pre assembled equipment modules Maintenance: Maintenance: Maintain accoring to EN 16630 EN16630 safety standard with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV CPSC or SGS only. The GS Marks EN16630 certificates must be in the name of tendering pat and not 3rd party. All products must clearly diply the GS mark as has been issued in the EN16630 saftey certificates. Size (LxWxH): 1460 x 1310 x 1150 mm weight : 39.1 kg safety Area 4360 x 4510 mm capacity_3 persons . and as per the directions of the Engineer-in-charge of the work**											
Measurements taken on													
		NTI Park											
			Each	1						1.00			
		DeshaBandu Nagar											
			Each	1						1.00			
									Total Executed Qty	**2.00**			
									Modified Shedule-B Qty	**2.00**			
									Now to be Paid	**2.00**		**136461.00**	**272922.00**
Item no.59		**Supplying of Granite benches as per approved drawing including cost of steel, materials, labour, transportation etc complete as per specification and as per the directions of the Engineer-in-charge of the work**											
Measurements taken on													
			Nos	5						5.00			
									Total Executed Qty	**5.00**			
									Modified Shedule-B Qty	**5.00**			
									Now to be Paid	**5.00**		**11021.85**	**55110.00**
E1		**Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work**											

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
			Cum										
		Vide Total executed Quantity from premeasuremet Page no.								167.13			
									Total Executed Qty	167.13			
									Modified Shedule-B Qty	167.13			
									Now to be Paid	167.13		217.92	36421.00
E2		Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work											
			Sqm										
		Vide Total executed Quantity from premeasuremet Page no.								390.24			
									Total Executed Qty	390.24			
									Modified Shedule-B Qty	390.24			
									Now to be Paid	390.24		116.83	45593.00
E3		Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		NTI Layout											
		10th Main Road											
		LHS											
0	3		Sqm	1	3.00	1.80	1.80	1.80		5.40			
12	18		Sqm	1	6.00	1.80	1.80	1.80		10.80			
27	32		Sqm	1	5.00	1.80	1.80	1.80		9.00			
43	45		Sqm	1	2.00	1.80	1.80	1.80		3.60			
48.9	50.6		Sqm	1	1.70	1.80	1.80	1.80		3.06			
55	59		Sqm	1	4.00	1.80	1.80	1.80		7.20			
69	73		Sqm	1	4.00	1.80	1.80	1.80		7.20			
84	87		Sqm	1	3.00	1.80	1.80	1.80		5.40			
99	103		Sqm	1	4.00	1.80	1.80	1.80		7.20			
114	117		Sqm	1	3.00	1.80	1.80	1.80		5.40			
128	133		Sqm	1	5.00	1.80	1.80	1.80		9.00			
143	148		Sqm	1	5.00	1.80	1.80	1.80		9.00			
159	161.7		Sqm	1	2.70	1.80	1.80	1.80		4.86			
		RHS											
0	4		Sqm	1	4.00	1.80	1.80	1.80		7.20			
13	15		Sqm	1	2.00	1.80	1.80	1.80		3.60			
20	22.3		Sqm	1	2.30	1.80	1.80	1.80		4.14			
33	36.8		Sqm	1	3.80	1.80	1.80	1.80		6.84			
41	45		Sqm	1	4.00	1.80	1.80	1.80		7.20			
48	49		Sqm	1	1.00	1.80	1.80	1.80		1.80			
55	57.6		Sqm	1	2.60	1.80	1.80	1.80		4.68			
62	66.9		Sqm	1	4.90	1.80	1.80	1.80		8.82			
78	81.9		Sqm	1	3.90	1.80	1.80	1.80		7.02			
90	93.3		Sqm	1	3.30	1.80	1.80	1.80		5.94			
107	109.5		Sqm	1	2.50	1.80	1.80	1.80		4.50			
110	113.2		Sqm	1	3.20	1.80	1.80	1.80		5.76			
124.6	126		Sqm	1	1.40	1.80	1.80	1.80		2.52			
137	139.6		Sqm	1	2.60	1.80	1.80	1.80		4.68			
153	154.6		Sqm	1	1.60	1.80	1.80	1.80		2.88			
158	159.2		Sqm	1	1.20	1.80	1.80	1.80		2.16			
158	159.2		Sqm	1	1.20	1.80	1.80	1.80		2.16			
									Total Executed Qty	169.02			
									Modified Shedule-B Qty	169.02			

Assistant Executive ENGINEER
Vidyaranyapura Sub-Division
Bruhath Bengaluru Mahanagara Palike

Contactor Assistant Engineer Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
									Now to be Paid	169.02		778.88	131646.00
E4		Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		For Flaging Course											
		NTI Layout											
		10th Main Road											
		LHS											
0	15		Sqm	2	15.00				0.60	18.00			
15	30		Sqm	2	15.00				0.60	18.00			
30	45		Sqm	2	15.00				0.60	18.00			
45	50.6		Sqm	2	5.60				0.60	6.72			
50.6	56.2		Sqm	2	5.60				0.60	6.72			
56.2	71.2		Sqm	2	15.00				0.60	18.00			
71.2	86.2		Sqm	2	15.00				0.60	18.00			
86.2	101.2		Sqm	2	15.00				0.60	18.00			
101.2	116.2		Sqm	2	15.00				0.60	18.00			
116.2	131.2		Sqm	2	15.00				0.60	18.00			
131.2	146.2		Sqm	2	15.00				0.60	18.00			
146.2	161.7		Sqm	2	15.50				0.60	18.60			
		RHS											
0	15		Sqm	2	15.00				0.60	18.00			
15	22.3		Sqm	2	7.30				0.60	8.76			
22.3	36.8		Sqm	2	14.50				0.60	17.40			
36.8	45		Sqm	2	8.20				0.60	9.84			
45	49		Sqm	2	4.00				0.60	4.80			
49	57.6		Sqm	2	8.60				0.60	10.32			
57.6	66.9		Sqm	2	9.30				0.60	11.16			
66.9	81.9		Sqm	2	15.00				0.60	18.00			
81.9	92.7		Sqm	2	10.80				0.60	12.96			
92.7	109.5		Sqm	2	16.80				0.60	20.16			
109.5	113.2		Sqm	2	3.70				0.60	4.44			
113.2	116.8	No Work	Sqm	2	0.00				0.60	0.00			
116.8	124.6	Road Break	Sqm	2	0.00				0.60	0.00			
124.6	139.6		Sqm	2	15.00				0.60	18.00			
139.6	154.6		Sqm	2	15.00				0.60	18.00			
154.6	159.2		Sqm	2	4.60				0.60	5.52			
									Total Executed Qty	371.40			
									Modified Shedule-B Qty	371.40			
									Now to be Paid	371.40		1070.40	397547.00
E5		Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. and as per the directions of the Engineer-in-charge of the work											
Measurements taken on													
		NTI Layout											
		10th Main Road											
		LHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50			
30	45		Sqm	1	15.00	0.90	0.90	0.90		13.50			
45	50.6		Sqm	1	5.60	0.90	0.90	0.90		5.04			
50.6	56.2		Sqm	1	5.60	0.90	0.90	0.90		5.04			
56.2	71.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			
71.2	86.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			
86.2	101.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			

Contactor

Assistant Engineer

ASSISTANT EXECUTIVE ENGINEER Vidyaranyapura Sub Division Bruhath Bengaluru Mahanagara Palike

Assistant Executive Engineer

MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks	Rate in RS.	Amount in RS.
101.2	116.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			
116.2	131.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			
131.2	146.2		Sqm	1	15.00	0.90	0.90	0.90		13.50			
146.2	161.7		Sqm	1	15.50	0.90	0.90	0.90		13.95			
		RHS											
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50			
15	22.3		Sqm	1	7.30	0.90	0.90	0.90		6.57			
22.3	36.8		Sqm	1	14.50	0.90	0.90	0.90		13.05			
36.8	45		Sqm	1	8.20	0.90	0.90	0.90		7.38			
45	49		Sqm	1	4.00	0.90	0.90	0.90		3.60			
49	57.6		Sqm	1	8.60	0.90	0.90	0.90		7.74			
57.6	66.9		Sqm	1	9.30	0.90	0.90	0.90		8.37			
66.9	81.9		Sqm	1	15.00	0.90	0.90	0.90		13.50			
81.9	92.7		Sqm	1	10.80	0.90	0.90	0.90		9.72			
92.7	109.5		Sqm	1	0.00	0.00	0.00	0.00		0.00			
109.5	113.2		Sqm	1	3.70	0.90	0.90	0.90		3.33			
113.2	116.8	No Work	Sqm	1	0.00	0.90	0.90	0.90		0.00			
116.8	124.6	Road Break	Sqm	1	0.00	0.90	0.90	0.90		0.00			
124.6	139.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
139.6	154.6		Sqm	1	15.00	0.90	0.90	0.90		13.50			
154.6	159.2		Sqm	1	4.60	0.90	0.90	0.90		4.14			
									Total Executed Qty	**263.43**			
									Modified Shedule-B Qty	**263.43**			
									Now to be Paid	**263.43**		**2453.15**	**646234.00**
												SUB TOTAL AMOUNT	**9065691.00**
												Add GST@ 12%	**1087883.00**
												TOTAL AMOUNT	**10153574.00**

Contactor

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Comparative Statement

Comparative Statement for supply and installation of Out door fitness equipments

Ref:-EE/PROJ/YNK/QUOT/01/2016-17 Dt:-10.02.2017

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
1	Supply and Fixing of Pull Down Challenger. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 2570 x 805 x 2685 mm. Weight: 85.4 Kg Safety Area: 6287 x 4858 mm Capacity_2 Persons.	each	1	240000	240000	251880	251880	258240	258240

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
2	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All products must carry a GS mark on it.. Size_L x W x H): 1955 x 733 x 2058 mm. Weight: 86.6 Kg Safety Area: 5545 x 4470 mm Capacity_2 Persons.	each	1	230000	230000	241385	241385	247480	247480
3	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must carry a GS mark on it.. Size_L x W x H): 1390 x 805 x 1100 mm. Weight: 42.4 Kg Safety Area: 3790 x 3205 mm Capacity_1 Person.	each	1	165000	165000	173168	173168	177540	177540

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
4	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1267 x 582 x 1764 mm. Weight: 43.5 Kg Safety Area: 4322 x 3632 mm Capacity_1 Person.	each	1	140000	140000	146930	146930	150640	150640
5	Supply and Fixing of Rider. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.. Size_L x W x H): 910 x 655 x 1270 mm. Weight: 29.5 Kg Safety Area: 3310 x 3000 mm Capacity_1 Person.	each	1	90000	90000	94455	94455	96840	96840

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
6	Supply and Fixing of Bicycle. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x 498 x 1290 mm. Weight: 51.5 Kg Safety Area: 3400 x 3498 mm Capacity_1 Persons.	each	1	125000	125000	131188	131188	134500	134500
7	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm Capacity_1 Persons.	each	1	170000	170000	178415	178415	182920	182920

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
8	Supply and Fixing of Tai Chi Spinners. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1120 x 1150 x 1620 mm. Weight: 39 Kg Safety Area: 3520 x 3550 mm Capacity_3 Persons.	each	1	115000	115000	120693	120693	123740	123740
9	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1395 x 650 x 1750 mm. Weight: 53.8 Kg Safety Area: 3795 x 3050 mm Capacity_2 Persons.	each	1	180000	180000	188910	188910	193680	193680

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
10	Supply and fixing of Big Shoulder Wheel. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 845 x 810 x 1710 mm. Weight: 34 Kg Safety Area: 3224 x 3376 mm Capacity_2 Persons.	each	1	120000	120000	125940	125940	129120	129120
11	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be attached with the tender document. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 1065 x 615 x 1364 mm. Weight: 51Kg. Safety Area: 4090 * 3555mm. Capacity 1 Person	each	1	140000	140000	146930	146930	150640	150640

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
12	Supply and Fixing of HD Sit Up Station. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. . All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1412 x 1366 x 650 mm. Weight: 42.6 Kg Safety Area: 4462 x 4078 mm Capacity_2 Persons.	each	1	125000	125000	131188	131188	134500	134500
13	Supply and fixing of HD Squat Pushing. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules.Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 2270 x 635 x 1640 mm. Weight: 60.2Kg. Safety Area: 5300 * 3685mm. Capacity 2 Persons	each	1	215000	215000	225643	225643	231340	231340

CNC trainer. Electrical Electrical

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
14	Supply and fixing of HD Waist Twister. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1460 x 1310 x 1150 mm. Weight: 39.1 Kg Safety Area: 4360 x 4510 mm Capacity_3 Persons.	each	1	130000	130000	136435	136435	139880	139880
15	Supply and Fixing of HD Mini Ski. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance :Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. Size_L x W x H): 1214 x 900 x 1347 mm. Weight: 45 Kg Safety Area: 4214 x 3900 mm Capacity_2 Persons.	each	1	160000	160000	167920	167920	172160	172160

Sl. No.	Description of Work	Unit	Qty.	Koochie Play systems Pvt. Ltd.,		Hugo Play Pvt. Ltd.,		Sheila Agenies	
				Rate/ Unit	Amount	Rate/ Unit	Amount	Rate/ Unit	Amount
16	Supply and fixing of HD Double Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display the GS mark as has been issued in the EN16630 safety certificates.SizeL x W x H): 2015 x 615 x 1360mm. Weight: 93Kg. Safety Area: 5015 * 3015mm. Capacity2 Person	each	1	240000	240000	251880	251880	258240	258240
	TOTAL AMOUNT				2585000		2712960		2781460
					L1		L2		L3

As seen from the above statement the item wise rates quoted by **Koochie Play systems Pvt. Ltd.**,. is the 1st lowest rate which is least compared to others. Hence recommanded for kind approval. the above rates are inclusive of with all aplicable taxes.

Executive Engineer
Project-, Yelahanka
Bruhat Bangalore Mahanagara Palike
18/2/17.

Rates quoted by Koochie-play systems pvt. ltd are approved
18/02/17

Chief Engineer
Yelahanka Zone